

Product Assurance Plan

The following Process describes how the PSI assure that their End-Items meet the customer's specification. This process is for PSI internal and external approaches.

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Input required	Process	Output	Conditions
Start			
Product Specification with Functional & Safty requirements Component Structur for technical approach	Defining the Realization Requirements	Realization Concepts	For each Main Component
Realization Concepts	Are New Technolgies included?		If Yes a Risk Analysis and Verification Test will be done
Realization Concepts Component Part List	Defining the Realization Specification	Realization Specifications	For each Component and their parts
	Selection of supplier	Supplier Inviting List	With ISO 9001 standards or existing and proven processes, procedures and methodologies
	Meeting with suppliers	Realisation Specification updated	
	Visiting each supplier who offers	Visiting report	Check List
	Decision for a supplier	Decision Report	
	Issue of Contract	Draft Contract with Acceptance Procedure	Test Methodologies and Test Facilities are named
	Meeting for Contract Discussion		The Realization Specifications freeded
	Contract signed	Contract	LOG-Book starts
	Component Realization controlled periodically by PSI Q-Responsible	Status Report	Each Problem or Failure must reported to PSI 3400
	Acceptance Test by supplier	Verificated Component	
	Entrance Test at PSI 3400	Entrance Report	
	Componet Integration	Verificated Product	
PSI Product Acceptance Procedure Test Equipment	Product Acceptance Test and Calibration	Validated Product	
	Product Documantation finalized	Product Documantation	In English
	Product Delivery to USA		
HESSI Product Acceptance Test Book	Verification Test USA	Product from Hessi Partner accepted	